Subject Index

Abdominal aortic aneurysms, screening for unsuspected AAAs, 154
Abdominal sonography
  indirect inguinal hernia in pediatric patient, 158
  results of the Year 2000 Abdomen Task Survey of the American Registry of Diagnostic Medical Sonographers, 273
  right upper quadrant ascites, free intraperitoneal fluid, 177
  screening for unsuspected abdominal aortic aneurysms, 154
  See also Pelvic sonography
Abortion politics, ultrasound in pregnancy: use as nonmedical tool, 211
Adenocarcinoma
  adenocarcinoma of ampulla of Vater, diagnostic challenge, 342
  familial pancreatic adenocarcinoma, screening with endoscopic ultrasound, 205
Adenomyosis, presurgical diagnosis of diffuse form, 71
Ampulla of Vater, adenocarcinoma of ampulla of Vater, diagnostic challenge, 342
Anencephaly, anencephalic twin in monochorionic-monoamniotic twin gestation, 95
Aneurysms
  isolated distal coronary artery aneurysm in an older child with Kawasaki disease, 402
  pseudoaneurysms following breast core biopsy, 174
  screening for unsuspecting abdominal aortic aneurysms, 154
Anomalies
  anomalous left coronary artery from the pulmonary artery, 335
  bilateral tibial hypoplasia in twins, prenatal diagnosis, 246
  cystic heterotopic brain tissue, 233
  identical twins with Dandy-Walker malformation and twin-twin transfusion, prenatal diagnosis, 328
  VACTERL association anomalies, 167
Arteriovenous malformations (AVMs), uterine AVM, 25
Ascites
  right upper quadrant, free intraperitoneal fluid, 177
  septated ascites and cholelithiasis, 84
Awards, 2001 Kenneth R. Gottesfeld Award Winners, 3
Azoospermia, ultrasound to differentiate obstructive from nonobstructive azoospermia, 300

Bile ducts, adenocarcinoma of ampulla of Vater, diagnostic challenge, 342
Bilobed or bipartite placenta, perinatal evaluation of, 161
Bladder cancer, maternal bladder cancer as incidental finding in routine obstetrical ultrasound, 170
Blood pressure, hypotensive ultrasound protocol, 193
Breast
  male breast sonography, 242
  pseudoaneurysms following breast core biopsy, 174
Burnout
  how sonographers and vascular technologists react to chronic stress, 305
  when caring hurts: silent burnout of sonographers, 419

Calculus biliary disease, septated ascites and cholelithiasis, 84
Cancer. *See* Malignancy
Carcinoma
  adenocarcinoma of ampulla of Vater, diagnostic challenge, 342
  testicular microlithiasis with invading neoplasm, 38
Cardiac malformation, prenatal diagnosis of right cardiac axis in first trimester, 80
Carotid body tumor, diagnostic challenge, 111
Carotid ultrasound, duplex evaluation of the postoperative carotid, 394
Case studies
  abdominal aortic aneurysms, 154
  acute frontal sinus fracture, 325
  anencephalic twin in monochorionic-monoamniotic twin gestation, 95
  anomalous left coronary artery from the pulmonary artery, 335
  bilateral tibial hypoplasia in twins, 246
  bilobed or bipartite placenta, perinatal evaluation, 161
  complete twin molar pregnancy, 100
  endometrial stromal sarcoma with intracardiac extension, 237
  fetal lingual dermoid cyst, 87
  first-trimester nuchal translucency, comparison of transabdominal, transvaginal, and 3D transvaginal ultrasound, 189
  flow reversal within internal jugular vein secondary to occluded innominate vein and stenotic hemodialysis arteriovenous fistula, 405
  gonadal dysgenesis with ovarian mixed malignant germ cell tumor, 150

Subject Index

Abdominal aortic aneurysms, screening for unsuspected AAAs, 154
Abdominal sonography
  indirect inguinal hernia in pediatric patient, 158
  results of the Year 2000 Abdomen Task Survey of the American Registry of Diagnostic Medical Sonographers, 273
  right upper quadrant ascites, free intraperitoneal fluid, 177
  screening for unsuspected abdominal aortic aneurysms, 154
  See also Pelvic sonography
Abortion politics, ultrasound in pregnancy: use as nonmedical tool, 211
Adenocarcinoma
  adenocarcinoma of ampulla of Vater, diagnostic challenge, 342
  familial pancreatic adenocarcinoma, screening with endoscopic ultrasound, 205
Adenomyosis, presurgical diagnosis of diffuse form, 71
Ampulla of Vater, adenocarcinoma of ampulla of Vater, diagnostic challenge, 342
Anencephaly, anencephalic twin in monochorionic-monoamniotic twin gestation, 95
Aneurysms
  isolated distal coronary artery aneurysm in an older child with Kawasaki disease, 402
  pseudoaneurysms following breast core biopsy, 174
  screening for unsuspecting abdominal aortic aneurysms, 154
Anomalies
  anomalous left coronary artery from the pulmonary artery, 335
  bilateral tibial hypoplasia in twins, prenatal diagnosis, 246
  cystic heterotopic brain tissue, 233
  identical twins with Dandy-Walker malformation and twin-twin transfusion, prenatal diagnosis, 328
  VACTERL association anomalies, 167
Arteriovenous malformations (AVMs), uterine AVM, 25
Ascites
  right upper quadrant, free intraperitoneal fluid, 177
  septated ascites and cholelithiasis, 84
Awards, 2001 Kenneth R. Gottesfeld Award Winners, 3
Azoospermia, ultrasound to differentiate obstructive from nonobstructive azoospermia, 300

Bile ducts, adenocarcinoma of ampulla of Vater, diagnostic challenge, 342
Bilobed or bipartite placenta, perinatal evaluation of, 161
Bladder cancer, maternal bladder cancer as incidental finding in routine obstetrical ultrasound, 170
Blood pressure, hypotensive ultrasound protocol, 193
Breast
  male breast sonography, 242
  pseudoaneurysms following breast core biopsy, 174
Burnout
  how sonographers and vascular technologists react to chronic stress, 305
  when caring hurts: silent burnout of sonographers, 419

Calculus biliary disease, septated ascites and cholelithiasis, 84
Cancer. *See* Malignancy
Carcinoma
  adenocarcinoma of ampulla of Vater, diagnostic challenge, 342
  testicular microlithiasis with invading neoplasm, 38
Cardiac malformation, prenatal diagnosis of right cardiac axis in first trimester, 80
Carotid body tumor, diagnostic challenge, 111
Carotid ultrasound, duplex evaluation of the postoperative carotid, 394
Case studies
  abdominal aortic aneurysms, 154
  acute frontal sinus fracture, 325
  anencephalic twin in monochorionic-monoamniotic twin gestation, 95
  anomalous left coronary artery from the pulmonary artery, 335
  bilateral tibial hypoplasia in twins, 246
  bilobed or bipartite placenta, perinatal evaluation, 161
  complete twin molar pregnancy, 100
  endometrial stromal sarcoma with intracardiac extension, 237
  fetal lingual dermoid cyst, 87
  first-trimester nuchal translucency, comparison of transabdominal, transvaginal, and 3D transvaginal ultrasound, 189
  flow reversal within internal jugular vein secondary to occluded innominate vein and stenotic hemodialysis arteriovenous fistula, 405
  gonadal dysgenesis with ovarian mixed malignant germ cell tumor, 150

identical twins with Dandy-Walker malformation and twin-twin transfusion, 328
inguinal hernia in pediatric patient, 158
intratesticular varicocele, 31
isolated distal coronary artery aneurysm in an older child with Kawasaki disease, 402
Klippel-Trenaunay-Weber syndrome complicated by extrafetal umbilical vein varix, 317
lingual thyroid, 91
male breast sonography, 242
maternal bladder cancer as incidental finding in routine obstetrical ultrasound, 170
meconium peritonitis secondary to cystic fibrosis, 43
missed abortion with coexisting ectopic pregnancy encased within an intraovarian hematoma, 332
postoperative carotid, duplex evaluation, 394
pseudoaneurysms of the breast following breast core biopsy, 174
right cardiac axis in first trimester, prenatal diagnosis, 80
right upper quadrant, free intraperitoneal fluid, 177
sacrococcygeal teratoma, untreated, long-term follow-up, 144
septated ascites and cholelithiasis, 84
soft-tissue sarcoma of right thigh, 321
testicular microlithiasis with invading neoplasm, 38
unilateral tubal ectopic pregnancy in dichorionic twins, 409
uterine arteriovenous malformation, 25
uterine leiomyosarcoma, 35
VACTERL association anomalies, 167
Children
indirect inguinal hernia in pediatric patient, 158
isolated distal coronary artery aneurysm in an older child with Kawasaki disease, 402
Cholecystectomy, residual gallbladder following incomplete cholecystectomy, diagnostic challenge, 412
Cholelithiasis, gallbladder rupture and, 84
Chronic stress, how sonographers and vascular technologists react to chronic stress, 305
Color Doppler
contrast agents and contrast imaging, 199
pseudoaneurysms of the breast following core biopsy, 174
uterine arteriovenous malformation, 25
Complete twin molar pregnancy, 100
Congenital malformations
anomalous left coronary artery from the pulmonary artery, 335
congenital diaphragmatic hernia, correction using fetal interventional procedures, 135
Contrast agents, 199
Contrast imaging
contrast agents, 199
contrast-enhanced hepatic sonography, 5
in echocardiography, 121
Core breast biopsy, pseudoaneurysms of the breast following core biopsy, 174
Coronary artery aneurysm, isolated distal coronary artery aneurysm in an older child with Kawasaki disease, 402
Coronary artery circulation, anomalous left coronary artery from the pulmonary artery, 335
Cystic fibrosis, meconium peritonitis secondary to cystic fibrosis, 43
Cystic heterotopic brain tissue, prenatal diagnosis, 233

Dandy-Walker malformation, identical twins with Dandy-Walker malformation and twin-twin transfusion, 328
Deep venous thrombosis, traction patient venous studies, 131
Dermoid cysts, fetal lingual dermoid cyst, 87
Diagnostic challenges, 51, 58, 104, 111, 181, 187, 251, 255, 339, 342, 414
Diaphragm, correction of diaphragmatic hernias with fetal interventional procedures, 135
Dichorionic twins, unilateral tubal ectopic pregnancy in dichorionic twins, 409
Dobutamine stress, real-time myocardial contrast echocardiography in real time during DSE, 18
Doppler imaging
contrast agents and contrast imaging, 199
flow reversal within internal jugular vein secondary to occluded innominate vein and stenotic hemodialysis arteriovenous fistula, 405
intratesticular varicocele, 31
left ventricular diastolic function using tissue Doppler imaging (TDI), 218
pseudoaneurysms of the breast following core biopsy, 174
uterine arteriovenous malformation, 25
Duplex imaging
postoperative carotid, duplex evaluation of, 394
pseudoaneurysms of the breast following core biopsy, 174
uterine arteriovenous malformation, 25

Echocardiography
abdominal aortic aneurysms, screening for unsuspected AAAs, 154
anomalous left coronary artery from the pulmonary artery, 335
contrast agents used in, 121
isolated distal coronary artery aneurysm in an older child with Kawasaki disease, 402
left ventricular diastolic function using tissue Doppler imaging (TDI), 218

myocardial contrast echocardiography during dobutamine stress echocardiography in real time, 18
patients with left ventricular assist devices, literature review, 61
Echogenic foci, of the ovary, literature review, 380
Ectopic pregnancy
heterotopic pregnancy, diagnostic challenge, 187
missed abortion with coexisting ectopic pregnancy encased within an intraovarian hematoma, 332
review of, 289
right upper quadrant free intraperitoneal fluid and, 177
unilateral tubal ectopic pregnancy in dichorionic twins, 409
Education
abdominal sonography, 105
clinical education of sonographers, 48
clinical sonographic competencies and exercises for obstetrics and gynecology, 256
HIPAA regulations in diagnostic imaging programs, anticipated effects, 413
motivational factors for sonographers and students, 340
Endometrial stromal sarcoma (ESS), with intracardiac extension, 237
Endometrium, two-dimensional vs. three-dimensional ultrasound in evaluation, 361
Endoscopic ultrasound, familial pancreatic adenocarcinoma, screening, 205
Endovaginal sonography, missed abortion with coexisting ectopic pregnancy encased within an intraovarian hematoma, 332
Errata, 111, 350
EXIT procedure, correction of diaphragmatic hernias, 135

Familial pancreatic adenocarcinoma, screening with endoscopic ultrasound, 205
Fetal intervention
cystic heterotopic brain tissue, 235
diaphragmatic hernias, 135
See also Fetal sonogram; Prenatal diagnosis
Fetal sonogram
fetal gallbladder; Study of sonographic visualization rate and dimensions, 387
public life of the fetal sonogram and the work of the sonographer, 367
See also Prenatal ultrasound
FETENDO procedure, correction of diaphragmatic hernias, 135
Fistula, flow reversal within internal jugular vein secondary to occluded innominate vein and stenotic hemodialysis arteriovenous fistula, 405
Flow reversal, within internal jugular vein secondary to occluded innominate vein and stenotic hemodialysis arteriovenous fistula, 405
Frame-one imaging, contrast agents and contrast imaging, 199
Frontal sinus, acute frontal sinus fracture, 325

Gallbladder
fetal gallbladder: Study of sonographic visualization rate and dimensions, 387
residual gallbladder following incomplete cholecystectomy, diagnostic challenge, 412
rupture: septated ascites and cholelithiasis, 84
Germ cell tumors
ovarian mixed malignant germ cell tumor, 150
sacrococcygeal teratoma, 144
Gestational trophoblastic disease, complete twin molar pregnancy, 100
Gonadal dysgenesis, with ovarian mixed malignant germ cell tumor, 150
Government, HIPAA regulations, anticipated effects, 413
Government issues, government recognizes sonography occupation, 112
Gynecology, clinical sonographic competencies and exercises for, 256
Gynecomastia, male breast sonography, 242

Harmonic imaging, contrast agents and contrast imaging, 199
Heart
endometrial stromal sarcoma with intracardiac extension, 237
See also Echocardiography
Hernia
correction of diaphragmatic hernias with fetal interventional procedures, 135
indirect inguinal hernia in pediatric patient, 158
Heterotopic brain tissue, prenatal diagnosis, 233
Heterotopic pregnancy
diagnostic challenge, 187
missed abortion with coexisting ectopic pregnancy encased within an intraovarian hematoma, 332
HIPAA regulations, anticipated effects of in diagnostic imaging programs, 414
Hypotension, hypotensive ultrasound protocol, 193

Inguinal hernia, indirect hernia in pediatric patient, 158
Innominate vein, flow reversal within internal jugular vein secondary to occluded innominate vein and stenotic hemodialysis arteriovenous fistula, 405

Intermittent imaging, contrast agents and contrast imaging, 199
Intraperitoneal fluid, right upper quadrant, free intraperitoneal fluid, 177
Intratesticular varicocele, 31

Jugular vein, flow reversal within internal jugular vein secondary to occluded innominate vein and stenotic hemodialysis arteriovenous fistula, 405

Kawasaki disease, isolated distal coronary artery aneurysm in an older child with Kawasaki disease, 402
Klippel-Trenaunay-Weber syndrome, complicated by extrafetal umbilical vein varix, 317

Left ventricular assist devices, echocardiography in evaluation LVAD patients, lit review, 61
Left ventricular diastolic function, assessment with tissue Doppler imaging (TDI), 218
Leiomyosarcoma, uterine leiomyosarcoma, 35
Letter from the Editor, 1
Letters to the Editor, 58, 117, 262
Lingual dermoid cyst, fetal, 87
Lingual thyroid, 91
Liver, contrast-enhanced hepatic sonography, 5
Logistic regression analysis, in diagnosis of shoulder impingement syndrome, 279

Male breast sonography, gynecomastia, 242
Malignancy
  adenocarcinoma of ampulla of Vater, diagnostic challenge, 342
  echogenic foci of the ovary, literature review, 380
  endometrial stromal sarcoma with intracardiac extension, 237
  familial pancreatic adenocarcinoma, screening with endoscopic ultrasound, 205
  male breast sonography, 242
  maternal bladder cancer as incidental finding in routine obstetrical ultrasound, 170
  soft-tissue sarcoma of right thigh, 321
  testicular microlithiasis with invading neoplasm, 38
  uterine leiomyosarcoma, 35
Meconium peritonitis, secondary to cystic fibrosis, 43
Mixed malignant germ cell tumor, with gonadal dysgenesis, 150
Molar pregnancy, complete twin molar pregnancy, 100
Monochorionic-monoamniotic pregnancy, anencephalic twin in monochorionic-monoamniotic twin gestation, 95
Myocardial contrast echocardiography, during dobutamine stress echocardiography in real time, 18
Myocardial infarction, anomalous left coronary artery from the pulmonary artery, 335
Myometrial contraction, diagnostic challenge, 255

Neoplasms. *See* Malignancy; Teratomas
Nuchal translucency, by 3D transvaginal ultrasound, 189

Obstetrics
  clinical sonographic competencies and exercises for, 256
  See also Pregnancy
Occupational burnout
  how sonographers and vascular technologists react to chronic stress, 305
  when caring hurts: silent burnout of sonographers, 419
Ovaries
  echogenic foci of the ovary, 380
  gonadal dysgenesis with mixed malignant germ cell tumor, 150

Pancreas
  adenocarcinoma of ampulla of Vater, diagnostic challenge, 342
  familial pancreatic adenocarcinoma, screening with endoscopic ultrasound, 205
Pediatric patient, indirect inguinal hernia in, 158
Pelvic sonography, echogenic foci of the ovary, literature review, 380
Perceptions, ultrasound in pregnancy: use as nonmedical tool, 211
Peritonitis, meconium peritonitis secondary to cystic fibrosis, 43
Placenta, bilobed or bipartite placenta, 161
Posterior fossa malformations, identical twins with Dandy-Walker malformation and twin-twin transfusion, 328
Postpartum hemorrhage, uterine arteriovenous malformation, 25
Power mode Doppler, contrast agents and contrast imaging, 199
Pregnancy
  bilobed or bipartite placenta, perinatal evaluation of, 161
  complete twin molar pregnancy, 100
  diagnostic challenge, 181, 187, 251, 255
  ectopic pregnancy: a well-deserved review, 289
  ectopic pregnancy and right upper quadrant free intraperitoneal fluid, 177
  heterotopic pregnancy, diagnostic challenge, 187
  maternal bladder cancer as incidental finding in routine obstetrical ultrasound, 170
  missed abortion with coexisting ectopic pregnancy encased within an intraovarian hematoma, 332
  ultrasound in pregnancy: use as nonmedical tool, 211

unilateral tubal ectopic pregnancy in dichorionic twins, 409
velamentous cord insertions, 313
See also Fetal intervention; Fetal sonogram; Prenatal diagnosis
Prenatal diagnosis
anencephalic twin in monochorionic-monoamniotic twin gestation, 95
bilateral tibial hypoplasia in twins, 246
cystic heterotopic brain tissue, 233
fetal gallbladder: study of sonographic visualization rate and dimensions, 387
first-trimester nuchal translucency, comparison of transabdominal, transvaginal, and 3D transvaginal ultrasound, 189
identical twins with Dandy-Walker malformation and twin-twin transfusion, 328
Klippel-Trenaunay-Weber syndrome complicated by extrafetal umbilical vein varix, 317
lingual dermoid cyst, 87
meconium peritonitis secondary to cystic fibrosis, 43
right cardiac axis in first trimester, 80
ultrasound in pregnancy: use as nonmedical tool, 211
VACTERL association, 167
See also Fetal intervention; Fetal sonogram
Public perceptions, ultrasound in pregnancy: use as nonmedical tool, 211
Pulsed-wave Doppler imaging
contrast agents and contrast imaging, 199
intratesticular varicocele, 31
Pulse inversion imaging, contrast agents and contrast imaging, 199

Right upper quadrant, free intraperitoneal fluid, 177
Rotator cuff, logistic regression analysis in diagnosis of shoulder impingement syndrome, 279
Ruptured gallbladder, septated ascites and cholelithiasis, 84

Sacrococcygeal teratoma, long-term follow-up of untreated teratoma, 144
Sarcoma
endometrial stromal sarcoma with intracardiac extension, 237
soft-tissue sarcoma of right thigh, 321
Screening studies
abdominal aortic aneurysms, screening for unsuspected AAAs, 154
familial pancreatic adenocarcinoma, with endoscopic ultrasound, 205
the great screening debate, 343
male breast sonography, 242
nuchal translucency by 3D transvaginal ultrasound, 189
ultrasound in pregnancy: use as nonmedical tool, 211
Scrotum, intratesticular varicocele, 31
SDMS-JDMS CME tests
contrast-enhanced hepatic sonography, 16
diaphragmatic hernias, correction using fetal interventional procedures, 142
diffuse adenomyosis, presurgical diagnosis, 78
duplex evaluation of the postoperative carotid, 400
echogenic foci of the ovary, 385
ectopic pregnancy: a well-deserved review, 298
familial pancreatic adenocarcinoma, screening with endoscopic ultrasound, 209
left ventricular diastolic function with tissue Doppler imaging, 231
logistic regression analysis in diagnosis of shoulder impingement syndrome, 287
myocardial contrast echocardiography during dobutamine stress echocardiography, 23
Septated ascites, gallbladder rupture and, 84
Shoulder impingement, logistic regression analysis in diagnosis, 279
Sinus fractures, acute frontal sinus fracture, 325
Society of Diagnostic Medical Sonography, 2001 Kenneth R. Gottesfeld Award Winners, 3
Soft-tissue sarcoma, of right thigh, 321
Sonographers
burnout and chronic stress, 305, 419
clinical education of, 48
monitoring student progress, 105
motivational factors for sonographers and students, 340
use of fetal sonograms, 367
Sonography issues
Africa, 183
burnout of sonographers, 305, 419
government recognizes sonography occupation, 112
the great screening debate, 343
how many scans per day?, 52
responsibilities, 53
rest for, 55
results of the Year 2000 Abdomen Task Survey of the American Registry of Diagnostic Medical Sonographers, 273
travelers: pros and cons, 252
Stress, how sonographers and vascular technologists react to chronic stress, 305
Survey of practice, results of the Year 2000 Abdomen Task Survey of the American Registry of Diagnostic Medical Sonographers, 273

Temporofacial brain heterotopia, prenatal diagnosis, 233
Teratomas
fetal lingual dermoid cyst, 87
sacrococcygeal teratoma, long-term follow-up of untreated teratoma, 144

Testes
diagnostic challenges, 51, 58
intratesticular varicocele, 31
polyorchidism, 58
testicular microlithiasis with invading neoplasm, 38
ultrasound to differentiate obstructive from nonobstructive azoospermia, 300
Testicular microlithiasis
with invading neoplasm, 38
ultrasound to differentiate obstructive from nonobstructive azoospermia, 300
3D transvaginal ultrasonography
endometrial pathology, 361
first-trimester nuchal translucency, 189
Thyroid, lingual thyroid, 91
Tibial hypoplasia, bilateral tibial hypoplasia in twins, prenatal diagnosis, 246
Tissue Doppler imaging (TDI), left ventricular diastolic function with, 218
Tongue
fetal lingual dermoid cyst, 87
lingual thyroid, 91
Traction patient, lower extremity venous studies, 131
Transabdominal ultrasonography, first-trimester nuchal translucency, 189
Transthoracic echocardiography
abdominal aortic aneurysms, screening for unsuspected AAAs, 154
isolated distal coronary artery aneurysm in an older child with Kawasaki disease, 402
Transvaginal transducer, echogenic foci of the ovary, literature review, 380
Transvaginal ultrasonography
diffuse adenomyosis, presurgical diagnosis of diffuse form, 71
nuchal translucency, comparison of transabdominal, transvaginal, and 3D transvaginal ultrasound, 189
prenatal diagnosis of right cardiac axis in first trimester, 80
two-dimensional vs three-dimensional ultrasound in evaluation of endometrial pathology, 361
unilateral tubal ectopic pregnancy in dichorionic twins, 409
Trauma, acute frontal sinus fracture, 325
Trinity protocol, hypotensive emergency patient, 193
Trophotropism, velamentous cord insertions, 313
Tumors
carotid body tumor, 111
complete twin molar pregnancy, 100
echogenic foci of the ovary, 380
fetal lingual dermoid cyst, 87
See also Malignancy
Twins
anencephalic twin in monochorionic-monoamniotic twin gestation, 95
bilateral tibial hypoplasia, prenatal diagnosis, 246
complete twin molar pregnancy, 100
identical twins with Dandy-Walker malformation and twin-twin transfusion, 328
sacrococcygeal teratoma, long-term follow-up of untreated teratoma, 144
unilateral tubal ectopic pregnancy in dichorionic twins, 409
Twin-twin transfusion, identical twins with Dandy-Walker malformation and twin-twin transfusion, 328
2D transvaginal ultrasonography, endometrial pathology, 361

Umbilical vein varix, Klippel-Trenaunay-Weber syndrome complicated by extrafetal umbilical vein varix, 317
Uterus
adenomyosis, presurgical diagnosis of diffuse form, 71
arteriovenous malformation, 25
endometrial stromal sarcoma with intracardiac extension, 237
leiomyosarcoma, 35
myometrial contraction, diagnostic challenge, 255

VACTERL association anomalies, prenatal diagnosis, 167
Varicoele, intratesticular, 31
Vasa previa, velamentous cord insertions, 313
Venous studies, lower extremity venous studies on traction patient, 131

Author Index

Bahner, D. P.: Trinity: A Hypotensive Ultrasound Protocol, 193

Bahner, D. P., Bradley, J. A., Rund, U. A.: Acute Frontal Sinus Fracture: An Innovative Use of Sonography, 325

Bierig, S. M., Dittrich, T.: Clinical Application and Technical Considerations for the Use of Contrast Agents in the Echocardiography Laboratory, 121

Bierig, S. M., Herrmann, S. C.: Feasibility of Performing Real-Time Myocardial Contrast Echocardiography During Clinical Dobutamine Stress Echocardiography in Technically Difficult Patients, 18

Blume, G.: When Caring Hurts: The Silent Burnout of Sonographers, 418

Bohman, V. R.: *see* Briare, L.

Bouffard, J., Lalouche, K., Gieringer, S., Kohan, A. T., Moger, A., Maclaughlin Jr, W. S.: Septated Ascites and Cholelithiasis: An Unusual Clinical Presentation for Gallbladder Rupture, 84

Bradley, J. A.: *see* Bahner, D. P.

Branning, P.: *see* Schneider, S. L.

Briare, L., Glassford, D., Heidinger, D., Bohman, Van R.: Cystic Heterotopic Brain Tissue, 233

Brucks, U. A., Duval, J. R.: Perinatal Evaluation of the Bilobed or Bipartite Placenta, 161

Budge, J. C.: *see* Stuber, J.

Carlan, S. J.: *see* Rasmussen, O.

Cho, J. Y.: *see* Lee, S.-Y.

Cioffi-Ragan, D.: Comparison of Conventional Transabdominal and Transvaginal Ultrasound and 3D Transvaginal Ultrasound in the Evaluation of First-Trimester Nuchal Translucency, 189

Coldwell, C. A.: Transvaginal Sonographic Diagnosis of Unilateral Tubal Ectopic Pregnancy in Dichorionic Twins, 409

Craig, M.: Out of Africa, 183

Craig, M.: Travelers: The Pros and Cons, 252

Craig, M.: *see* Davis, D.

Craig, M.: *see* Schneider, S. L.

Cruise, K. R. L., Rouse, G.: Klippel-Trenaunay-Weber Syndrome Complicated by Extrafetal Umbilical Vein Varix, 317

Cunningham, M. E.: *see* Williams, D. L.

Daugherty, J. M.: Burnout: How Sonographers and Vascular Technologists React to Chronic Stress, 305

Davis, D., Craig, M.: Unsuspected Abdominal Aortic Aneurysm, 154

Dempsey, R.: Lingual Thyroid, 91

Digiacinto, R. A.: *see* Gresham, D.

Dittrich, T.: *see* Bierig, S. M.

Dubovec, P. A., Tsouklaris, M.: Duplex Evaluation of the Postoperative Carotid, 394

Dunn, P., Michael, K., Stevens, S.: Familial Pancreatic Adenocarcinoma: Screening With Endoscopic Ultrasound, 205

Duval, J. R.: *see* Brucks, U. A.

Emerson, L. L.: Velamentous Cord Insertions, 313

Flamm, L.: *see* Having, K.

Gelormini, R. G.: *see* Jackson, N. F.

Gieringer, S.: *see* Bouffard, J.

Gifford, J.: *see* Thomas, L.

Glass, D.: *see* Sextro, A.

Glassford, D.: *see* Briare, L.

Gresham, D., Digiacinto, R. A.: Endometrial Sarcoma With Intracardiac Extension, 237

Guidarelli, S.: *see* Stuber, J.

Hagen-Ansert, S. L.: Clinical Sonographic Competencies and Exercises for Obstetrics and Gynecology, 256

Hagen-Ansert, S. L.: Monitoring Student Progress: Abdominal Sonography, 105

Hagen-Ansert, S. L.: Revitalization of Clinical Education for Sonographers and Students, 48

Hagen-Ansert, S. L.: Surfing the Wave or Skimming the Surface: Motivational Factors for Sonographers and Students, 340

Hagmeyer, T. E.: *see* Jackson, N. F.

Hall, R., Johnson, M.: Long-Term Follow-up of Untreated Sacrococcygeal Teratoma Diagnosis in a Twin of Full-Term Gestation, 144

Having, K. M.: Diagnostic Challenge, 51

Having, K., Flamm, L., McAuliffe, D.: The Fetal Gallbladder: A Study of Sonographic Visualization Rate and Dimensions in the Second and Third Trimesters, 387

Heidinger, D.: *see* Briare, L.

Herrmann, S. C.: *see* Bierig, S. M.

Ives, J.: *see* Rasmussen, O.

Jackson, N. F., Hagmeyer, T. E., Gelormini, R. G.: Sonography of the Right Upper Quadrant With Free Intraperitoneal Fluid, 177

Johnson, M.: *see* Hall, R.
Jones, E. D.: Fetal Lingual Dermoid Cyst, 87

Kohan, A. T.: *see* Bouffard, J.

Lalouche, K.: *see* Bouffard, J.
Lee, S.-Y., Cho, J. Y., Park, J.-H., Min, J.-Y., Lee, Y.-H.: Right Cardiac Axis on Early Transvaginal Ultrasonography: Key Finding of Major Cardiac Malformation, 80
Lee, Y.-H.: *see* Lee, S.-Y.
Lennon, K.: Identical Twins Presenting With Dandy-Walker Malformation and Twin-Twin Transfusion, 328
Lim, M. E., Pope, J.: The Role of Echocardiography in the Evaluation of Patients With Left Ventricular Assist Devices: A Literature Review, 61
Lomax Jr, C. O.: *see* Smith, S. K.
Ly, J. Q.: *see* Yanez, E. L.

Maclaughlin, Jr, W. S.: *see* Bouffard, J.
Maddox, D.: Diagnostic Challenge, 412
Magner Jr, R. G.: Diagnostic Challenge, 104
Marks, W. M.: *see* Thomas, L.
Mathis, K. A. R.: Missed Abortion With a Coexisting Ectopic Pregnancy Encased Within an Intraovarian Hematoma, 332
McAuliffe, D.: *see* Having, K.
McCartie, J. D.: Complete Twin Molar Pregnancy, 100
Merton, D. A.: Contrast-Enhanced Hepatic Sonography, 5
Michael, K.: *see* Dunn, P.
Min, J.-Y.: *see* Lee, S.-Y.
Moger, A.: *see* Bouffard, J.

O'Neill, D. J.: Diagnostic Challenge, 339
Orin, P R.: Sonology Demonstrates Flow Reversal Within Internal Jugular Vein Secondary to Occluded Innominate Vein and Stenotic Hemodialysis Arteriovenous Fistula, 405
Ortman, L.: Contrast Agents and Contrast Imaging in Ultrasound, 199

Park, J.-H.: *see* Lee, S.-Y.
Pattavina, J. M.: Correction of Diaphragmatic Hernias Using Fetal Interventional Procedures, 135
Pearson, L. J.: Sonographic Diagnosis of an Indirect Inguinal Hernia in a Pediatric Patient, 158
Perry, B.: Soft-Tissue Sarcoma of the Right Thigh, 321
Persutte, W. H.: It's About Time, 52
Pope, J.: *see* Lim, M. E.
Pope, J.: *see* Thomas, L.

Rasmussen, O., Ives, J., Carlan, S. J.: Ultrasound of a Patient With Gonadal Dysgenesis and Mixed Malignant Germ Cell Tumor, 150
Riethman, J. L.: *see* Smith, S. K.
Rouse, G.: *see* Cruise, K. R. L.
Rund, U. A.: *see* Bahner, D. P.

Schneider, S. L., Craig, M., Branning, P.: Improved Sonographic Accuracy in the Presurgical Diagnosis of Diffuse Adenomyosis: A Case Series and Review, 71
Sextro, A., Glass, D.: Anomalous Left Coronary Artery From the Pulmonary Artery, 335
Smith, S. K., Riethman, J. L., Lomax Jr, C. O.: Sonography of Uterine Leiomyosarcoma, 35
Stark, D. A.: *see* Warrick, E. F.
Stearns, T.: The Anticipated Effects of HIPAA Regulations in Diagnostic Imaging Programs, 413
Stevens, S.: *see* Dunn, P.
Stieler, M. A.: Use of Logistic Regression Analysis in the Diagnosis of Shoulder Impingement Syndrome, 279
Stuber, J., Guidarelli, S., Budge, J. C.: Testicular Microlithiasis With Invading Neoplasm, 38
Sullivan, P. A.: Public Perceptions and Politics: When Diagnostic Medical Ultrasound Is Employed as a Nondiagnostic, Nonmedical Tool, 211
Sulzdorf, L.: Uterine Arteriovenous Malformation: Sonographic Diagnosis in a Patient Presenting with Heavy Postpartum Vaginal Bleeding, 25

Taylor, J. S.: The Public Life of the Fetal Sonogram and the Work of the Sonographer, 367
Thomas, L., Gifford, J., Pope, J., Marks, W. M.: Two-Dimensional Versus Three-Dimensional Ultrasound in the Evaluation of Endometrial Pathology: Does It Aid in Visualization? 361
Tsouklaris, M.: *see* Dubovec, P. A.

Vavala, C.: Diagnosis of Pseudoaneurysms of the Breast by Ultrasound, 174

Waggoner, A. D.: Alternative Echocardiographic Methods to Assess Left Ventricular Diastolic Function, 218
Wallace, A.: *see* Wallace, T.
Wallace, T., Wallace, A.: Echocardiography of an Isolated Distal Coronary Artery Aneurysm in an Older Child With Kawasaki Disease, 402
Warrick, E. F., Stark, D. A.: The Ectopic Pregnancy: A Well-Deserved Review, 289
Webb, J. L.: I'm Seeing Spots! A Review of Literature Regarding Echogenic Foci of the Ovary, 380
Weiner, N. H.: Diagnostic Challenge, 181
Weiner, N. H.: Prenatal Diagnosis of Bilateral Tibial Hypoplasia in Twins, 246
Weiner, N. H.: Prenatal Ultrasound Diagnosis of Meconium Peritonitis Secondary to Cystic Fibrosis, 43

Weiner, N. H.: Prenatal Ultrasound Diagnosis of Multiple Fetal Anomalies: Making the Case for VACTERL Association, 167
Whitsett, C.: Routine Obstetrical Ultrasound With Incidental Finding of Maternal Bladder Cancer, 170
Williams, D. L., Cunningham, M. E.: An Uncommon Finding: The Intratesticular Varicocele, 31
Willis, A.: Traction Patient Venous Studies, 131
Yanez, E. L., Ly, J. Q.: Diagnostic Challenge, 251
Zerbo, P. A.: The Role of Ultrasound in Diagnosing and Managing a Monochorionic-Monoamniotic Twin Gestation With an Anencephalic Twin, 95
Zorn, M. A.: Male Breast Sonography: An Upward Trend, 242